

### **Inventor Information**

Inventor One Given Name::  
Family Name::  
Postal Address Line One::  
City::  
State or Province::  
Country::  
Postal or Zip Code::  
Citizenship Country::

Craig A.  
Rosen  
22400 Rolling Hill Lane  
Laytonsville  
MD  
USA  
20882  
US

Inventor Two Given Name::  
Family Name::  
Postal Address Line One:  
City::  
State or Province::  
Country::  
Postal or Zip Code::  
Citizenship Country::

Steven M.  
Ruben  
18528 Heritage Hills Drive  
Olney  
MD  
USA  
20832  
US

Inventor Three Given Name::  
Family Name::  
Postal Address Line One::  
City::  
State or Province::  
Country::  
Postal or Zip Code::  
Citizenship Country::

Steven C.  
Barash  
111 Watkins Pond Blvd. #301  
Rockville  
MD  
USA  
20850  
US

### **Correspondence Information**

Correspondence Customer Number:: 022195

### **Application Information**

Title Line One::

Nucleic Acids, Proteins, and  
Antibodies

Total Drawing Sheets::

0

Formal Drawings?::

No

Application Type::

Utility

Docket Number::

PJZ08

### **Representative Information**

Representative Customer Number:: 022195

### **Continuity Information**

This application is a::

Non Prov. of Provisional

>Application One:: 60/179,065  
Filing Date:: 31-Jan-2000

This application is a:: Non Prov. of Provisional  
>Application Two:: 60/180,628  
Filing Date:: 04-Feb-2000

This application is a:: Non Prov. of Provisional  
>Application Three:: 60/214,886  
Filing Date:: 28-Jun-2000

This application is a:: Non Prov. of Provisional  
>Application Four:: 60/217,487  
Filing Date:: 11-Jul-2000

This application is a:: Non Prov. of Provisional  
>Application Five:: 60/225,758  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Six:: 60/220,963  
Filing Date:: 26-Jul-2000

This application is a:: Non Prov. of Provisional  
>Application Seven:: 60/217,496  
Filing Date:: 11-Jul-2000

This application is a:: Non Prov. of Provisional  
>Application Eight:: 60/225,447  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Nine:: 60/218,290  
Filing Date:: 14-Jul-2000

This application is a:: Non Prov. of Provisional  
>Application Ten:: 60/225,757  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Eleven:: 60/226,868  
Filing Date:: 22-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Twelve:: 60/216,647  
Filing Date:: 07-Jul-2000

This application is a:: Non Prov. of Provisional  
>Application Thirteen:: 60/225,267  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Fourteen:: 60/216,880  
Filing Date:: 07-Jul-2000

This application is a:: Non Prov. of Provisional  
>Application Fifteen:: 60/225,270  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Sixteen:: 60/251,869  
Filing Date:: 08-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application Seventeen:: 60/235,834  
Filing Date:: 27-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighteen:: 60/234,274  
Filing Date:: 21-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Nineteen:: 60/234,223  
Filing Date:: 21-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Twenty:: 60/228,924  
Filing Date:: 30-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Twenty-One:: 60/224,518  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Twenty-Two:: 60/236,369  
Filing Date:: 29-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Twenty-Three:: 60/224,519  
Filing Date:: 14-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application Twenty-Four:: 60/220,964  
Filing Date:: 26-Jul-2000

This application is a:  
>Application Twenty-Five:  
Filing Date:: Non Prov. of Provisional  
60/241,809  
20-Oct-2000

This application is a:  
>Application Twenty-Six:  
Filing Date:: Non Prov. of Provisional  
60/249,299  
17-Nov-2000

This application is a:  
>Application Twenty-Seven:  
Filing Date:: Non Prov. of Provisional  
60/236,327  
29-Sep-2000

This application is a:  
>Application Twenty-Eight:  
Filing Date:: Non Prov. of Provisional  
60/241,785  
20-Oct-2000

This application is a:  
>Application Twenty-Nine:  
Filing Date:: Non Prov. of Provisional  
60/244,617  
01-Nov-2000

This application is a:  
>Application Thirty:  
Filing Date:: Non Prov. of Provisional  
60/225,268  
14-Aug-2000

This application is a:  
>Application Thirty-One:  
Filing Date:: Non Prov. of Provisional  
60/236,368  
29-Sep-2000

This application is a:  
>Application Thirty-Two:  
Filing Date:: Non Prov. of Provisional  
60/251,856  
08-Dec-2000

This application is a:  
>Application Thirty-Three:  
Filing Date:: Non Prov. of Provisional  
60/251,868  
08-Dec-2000

This application is a:  
>Application Thirty-Four:  
Filing Date:: Non Prov. of Provisional  
60/229,344  
01-Sep-2000

This application is a:  
>Application Thirty-Five:  
Filing Date:: Non Prov. of Provisional  
60/234,997  
25-Sep-2000

This application is a:  
>Application Thirty-Six:  
Filing Date:: Non Prov. of Provisional  
60/229,343  
01-Sep-2000

This application is a:  
>Application Thirty-Seven:  
Filing Date:: Non Prov. of Provisional  
60/229,345  
01-Sep-2000

This application is a:  
>Application Thirty-Eight:  
Filing Date:: Non Prov. of Provisional  
60/229,287  
01-Sep-2000

This application is a:  
>Application Thirty-Nine:  
Filing Date:: Non Prov. of Provisional  
60/229,513  
05-Sep-2000

This application is a:  
>Application Forty:  
Filing Date:: Non Prov. of Provisional  
60/231,413  
08-Sep-2000

This application is a:  
>Application Forty-One:  
Filing Date:: Non Prov. of Provisional  
60/229,509  
05-Sep-2000

This application is a:  
>Application Forty-Two:  
Filing Date:: Non Prov. of Provisional  
60/236,367  
29-Sep-2000

This application is a:  
>Application Forty-Three:  
Filing Date:: Non Prov. of Provisional  
60/237,039  
02-Oct-2000

This application is a:  
>Application Forty-Four:  
Filing Date:: Non Prov. of Provisional  
60/237,038  
02-Oct-2000

This application is a:  
>Application Forty-Five:  
Filing Date:: Non Prov. of Provisional  
60/236,370  
29-Sep-2000

This application is a:  
>Application Forty-Six:  
Filing Date:: Non Prov. of Provisional  
60/236,802  
02-Oct-2000

This application is a:  
>Application Forty-Seven:  
Filing Date:: Non Prov. of Provisional  
60/237,037  
02-Oct-2000

This application is a:  
>Application Forty-Eight:  
Filing Date:: Non Prov. of Provisional  
60/237,040  
02-Oct-2000

This application is a::  
>Application Forty-Nine::  
Filing Date::

Non Prov. of Provisional  
60/240,960  
20-Oct-2000

This application is a:  
>Application Fifty:  
Filing Date: .

Non Prov. of Provisional  
60/239,935  
13-Oct-2000

This application is a::  
>Application Fifty-One::  
Filing Date::

Non Prov. of Provisional  
60/239,937  
13-Oct-2000

This application is a:  
>Application Fifty-Two:  
Filing Date::

Non Prov. of Provisional  
60/241,787  
20-Oct-2000

This application is a:  
>Application Fifty-Three:  
Filing Date::

Non Prov. of Provisional  
60/246,474  
08-Nov-2000

This application is a::  
>Application Fifty-Four::  
Filing Date::

Non Prov. of Provisional  
60/246,532  
08-Nov-2000

This application is a:  
>Application Fifty-Five:  
Filing Date::

Non Prov. of Provisional  
60/249,216  
17-Nov-2000

This application is a::  
>Application Fifty-Six::  
Filing Date::

Non Prov. of Provisional  
60/249,210  
17-Nov-2000

This application is a:  
>Application Fifty-Seven:  
Filing Date::

Non Prov. of Provisional  
60/226,681  
22-Aug-2000

This application is a::  
>Application Fifty-Eight::  
Filing Date::

Non Prov. of Provisional  
60/225,759  
14-Aug-2000

This application is a::  
>Application Fifty-Nine::  
Filing Date::

Non Prov. of Provisional  
60/225,213  
14-Aug-2000

This application is a::  
>Application Sixty::  
Filing Date::

Non Prov. of Provisional  
60/227,182  
22-Aug-2000

This application is a:  
>Application Sixty-One:  
Filing Date:: Non Prov. of Provisional  
60/225,214  
14-Aug-2000

This application is a:  
>Application Sixty-Two:  
Filing Date:: Non Prov. of Provisional  
60/235,836  
27-Sep-2000

This application is a:  
>Application Sixty-Three:  
Filing Date:: Non Prov. of Provisional  
60/230,438  
06-Sep-2000

This application is a:  
>Application Sixty-Four:  
Filing Date:: Non Prov. of Provisional  
60/215,135  
30-Jun-2000

This application is a:  
>Application Sixty-Five:  
Filing Date:: Non Prov. of Provisional  
60/225,266  
14-Aug-2000

This application is a:  
>Application Sixty-Six:  
Filing Date:: Non Prov. of Provisional  
60/249,218  
17-Nov-2000

This application is a:  
>Application Sixty-Seven:  
Filing Date:: Non Prov. of Provisional  
60/249,208  
17-Nov-2000

This application is a:  
>Application Sixty-Eight:  
Filing Date:: Non Prov. of Provisional  
60/249,213  
17-Nov-2000

This application is a:  
>Application Sixty-Nine:  
Filing Date:: Non Prov. of Provisional  
60/249,212  
17-Nov-2000

This application is a:  
>Application Seventy:  
Filing Date:: Non Prov. of Provisional  
60/249,207  
17-Nov-2000

This application is a:  
>Application Seventy-One:  
Filing Date:: Non Prov. of Provisional  
60/249,245  
17-Nov-2000

This application is a:  
>Application Seventy-Two:  
Filing Date:: Non Prov. of Provisional  
60/249,244  
17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Three:: 60/249,217  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Four:: 60/249,211  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Five:: 60/249,215  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Six:: 60/249,264  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Seven:: 60/249,214  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Eight:: 60/249,297  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Seventy-Nine:: 60/232,400  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty:: 60/231,242  
Filing Date:: 08-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-One:: 60/232,081  
Filing Date:: 08-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Two:: 60/232,080  
Filing Date:: 08-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Three:: 60/231,414  
Filing Date:: 08-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Four:: 60/231,244  
Filing Date:: 08-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Five:: 60/233,064  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Six:: 60/233,063  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Seven:: 60/232,397  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Eight:: 60/232,399  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Eighty-Nine:: 60/232,401  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety:: 60/241,808  
Filing Date:: 20-Oct-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-One:: 60/241,826  
Filing Date:: 20-Oct-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Two:: 60/241,786  
Filing Date:: 20-Oct-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Three:: 60/241,221  
Filing Date:: 20-Oct-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Four:: 60/246,475  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Five:: 60/231,243  
Filing Date:: 08-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Six:: 60/233,065  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Seven:: 60/232,398  
Filing Date:: 14-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Eight:: 60/234,998  
Filing Date:: 25-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application Ninety-Nine:: 60/246,477  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred:: 60/246,528  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred One:: 60/246,525  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Two:: 60/246,476  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Three:: 60/246,526  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Four:: 60/249,209  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Five:: 60/246,527  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Six:: 60/246,523  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Seven:: 60/246,524  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Eight:: 60/246,478  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Nine:: 60/246,609  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Ten:: 60/246,613  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Eleven:: 60/249,300  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twelve:: 60/249,265  
Filing Date:: 17-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirteen:: 60/246,610  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Fourteen:: 60/246,611  
Filing Date:: 08-Nov-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Fifteen:: 60/230,437  
Filing Date:: 06-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Sixteen:: 60/251,990  
Filing Date:: 08-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Seventeen:: 60/251,988  
Filing Date:: 05-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Eighteen:: 60/251,030  
Filing Date:: 05-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Nineteen:: 60/251,479  
Filing Date:: 06-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty:: 60/256,719  
Filing Date:: 05-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-One:: 60/250,160  
Filing Date:: 01-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Two:: 60/251,989  
Filing Date:: 08-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Three:: 60/250,391  
Filing Date:: 01-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Four:: 60/254,097  
Filing Date:: 11-Dec-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Five:: 60/231,968  
Filing Date:: 12-Sept-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Six:: 60/226,279  
Filing Date:: 18-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Seven:: 60/186,350  
Filing Date:: 02-Mar-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Eight:: 60/184,664  
Filing Date:: 24-Feb-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Twenty-Nine:: 60/189,874  
Filing Date:: 16-Mar-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty:: 60/198,123  
Filing Date:: 18-Apr-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty-One:: 60/227,009  
Filing Date:: 23-Aug-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty-Two:: 60/235,484  
Filing Date:: 26-Sep-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty-Three:: 60/190,076  
Filing Date:: 17-Mar-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty-Four:: 60/209,467  
Filing Date:: 07-Jun-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty-Five:: 60/205,515  
Filing Date:: 19-May-2000

This application is a:: Non Prov. of Provisional  
>Application One Hundred Thirty-Six 60/259,678  
Filing Date:: 05-Jan-2001